

1. Problems with plurality voting?

2. Instant Runoff Voting (IRV), also known as _____

3. With four candidates, how many rounds of IRV? (Max? Min?)

4. Find the winner using IRV for the preference schedule below.

# votes	3	4	2	1	1
1st choice	A	B	C	C	D
2nd choice	C	C	D	B	C
3rd choice	B	D	B	A	B
4th choice	D	A	A	D	A

5. (Example 7) Find the winner using IRV for the preference schedule below.

# votes	37	22	12	29
1st choice	Adams	Brown	Brown	Carter
2nd choice	Brown	Carter	Adams	Adams
3rd choice	Carter	Adams	Carter	Brown

6. What can go wrong with IRV?

- (a) Fail to pick the Condorcet Winner (See example 6 in your text.)
- (b) Fails the **Monotonicity Criterion**:

7. (Example 7 again)

# votes	37	22	12	29
1st choice	Adams	Brown	Brown	Carter
2nd choice	Brown	Carter	Adams	Adams
3rd choice	Carter	Adams	Carter	Brown



# votes	37	22		29
1st choice	Adams	Brown		Carter
2nd choice	Brown	Carter		Adams
3rd choice	Carter	Adams		Brown